

FIG.1

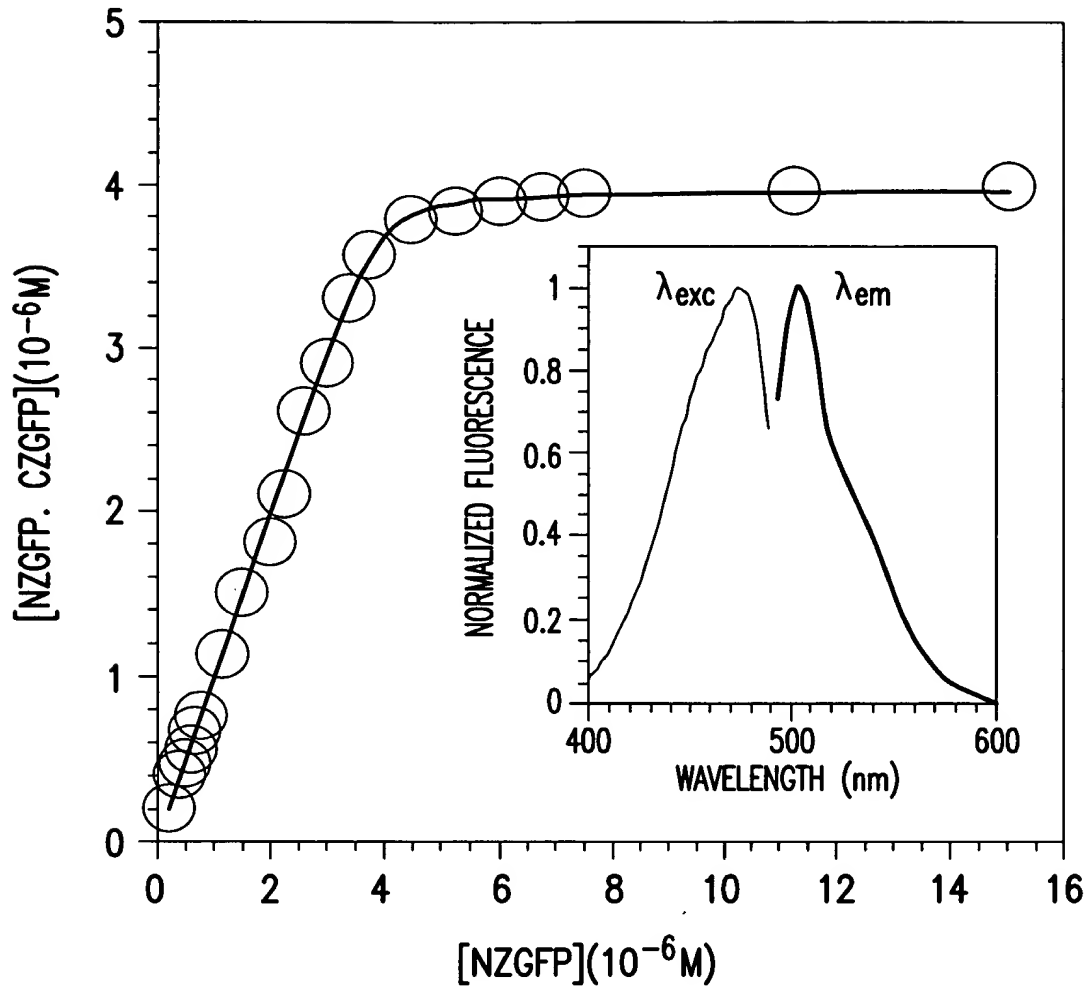


FIG.2

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FIG.3a

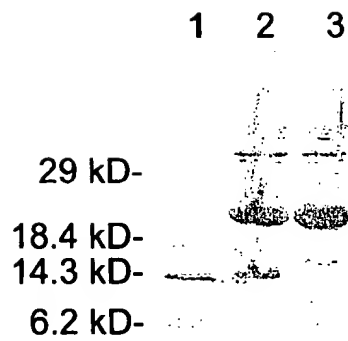


FIG.3b

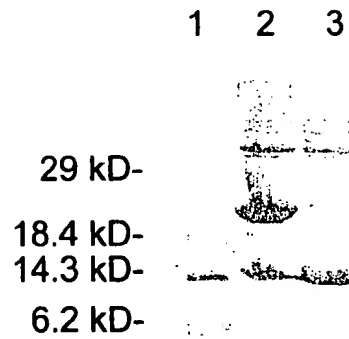


FIG.3c



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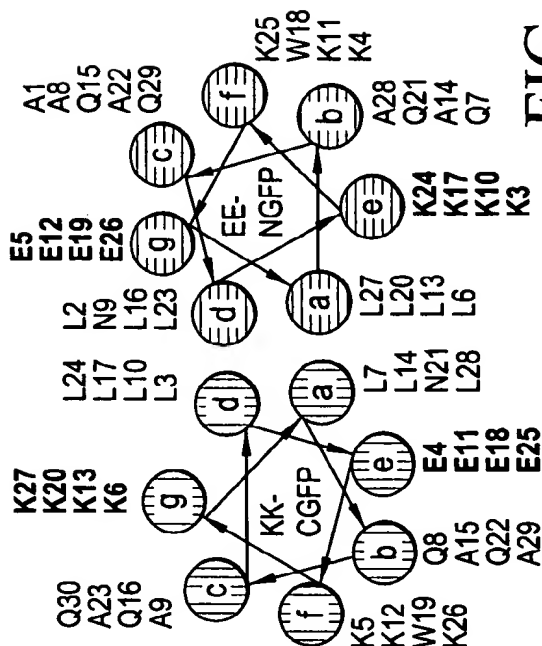


FIG. 4b

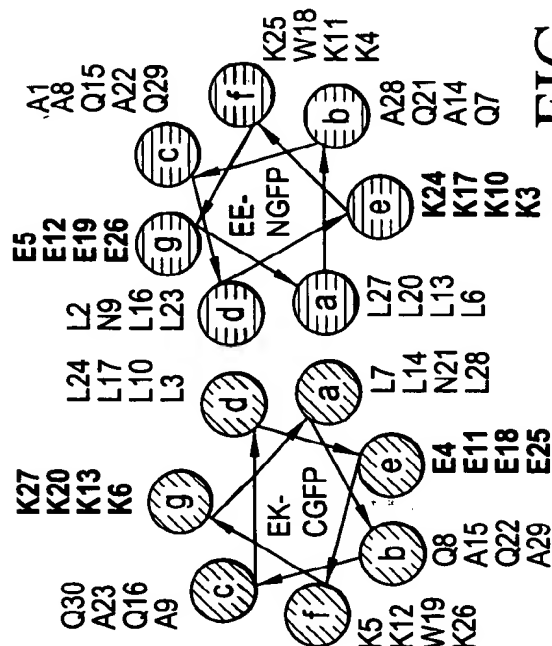


FIG. 4d

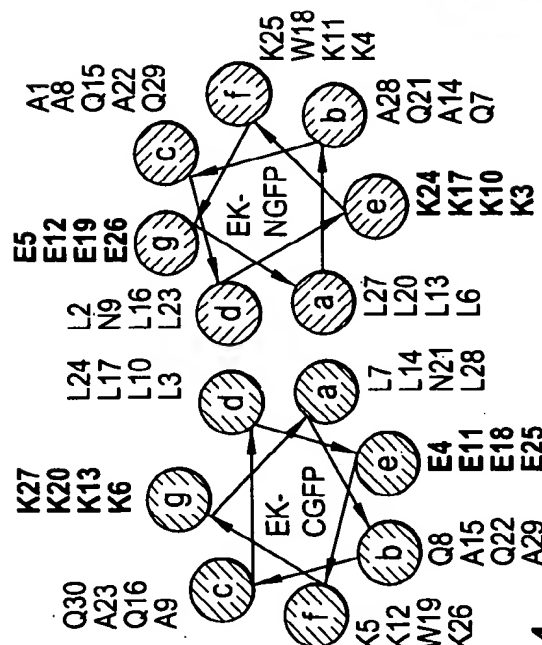


FIG. 4a

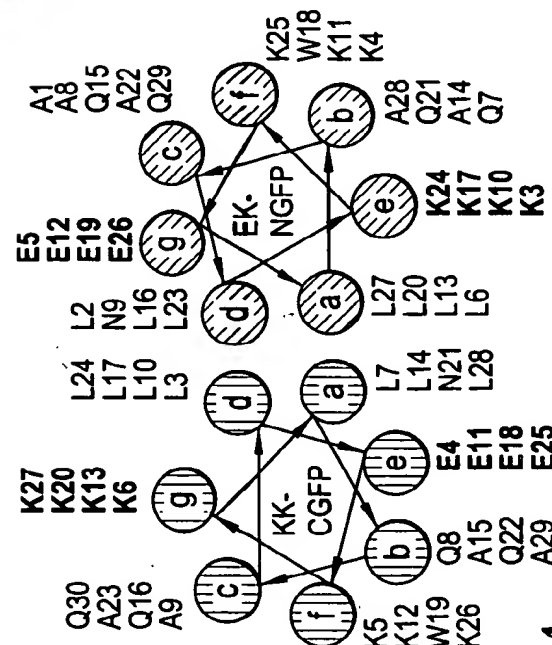


FIG. 4c

REPLACEMENT SHEET

5/5

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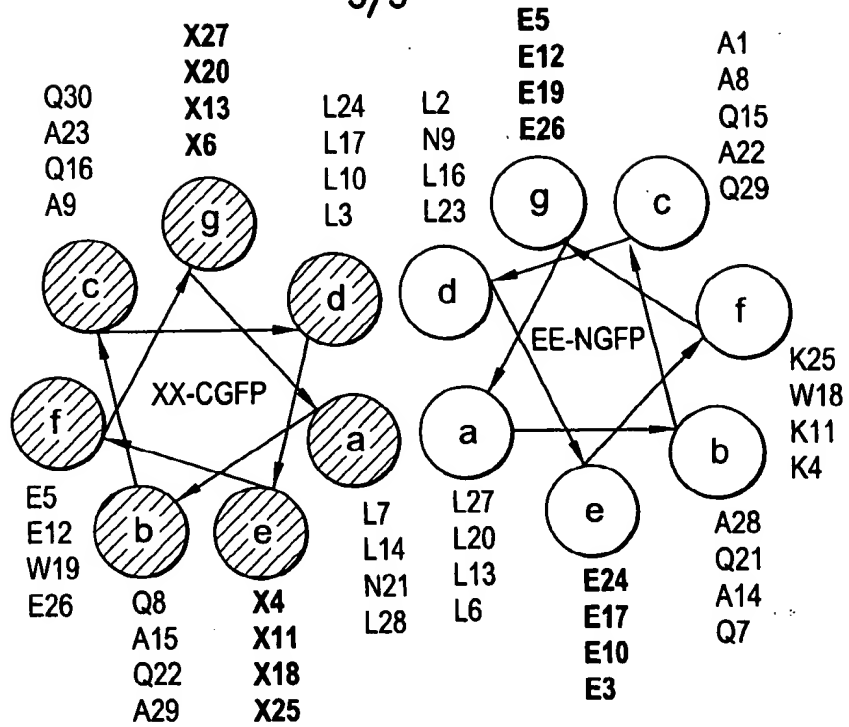


FIG.5a

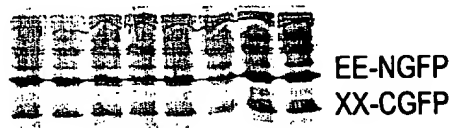


FIG.5b

Residue selected at randomized positions

4	6	11	13	18	20	25	27
K	K	E	K	K	K	K	K
K	K	K	K	E	K	K	K
K	K	K	K	E	K	K	K
K	K	K	K	K	K	K	K
E	K	K	K	K	K	K	K
E	K	K	K	K	E	K	K
K	E	K	K	K	K	E	K
K	K	E	K	K	K	E	K
K	K	E	K	K	K	E	K
K	K	E	K	K	K	E	K
K	K	E	K	K	K	E	K
K	K	E	K	K	K	E	K
K	K	E	K	K	K	E	K
E	K	E	K	K	E	K	K
E	K	E	K	K	E	K	K
K	K	E	K	E	K	K	E

FIG.5c

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